



2009 DISABILITY ACCESS CONFERENCE *Design for All*

September 23, 2009

Ala Moana Hotel

8:00 am - 4:30 pm



CONFERENCE PROGRAM

This year's workshops include:

Accessible Educational Facilities

State of Hawaii Residential Housing
Accessibility Guidelines

The New ADA/ABA Accessibility Guidelines
(Adopted by DOD, DOT, GSA & USPS)

Accessible Routes

Vertical Access (Stairs, Ramps, Lifts and Elevators)

Designing for Visual and Hearing Challenges

Common Errors and Corrections

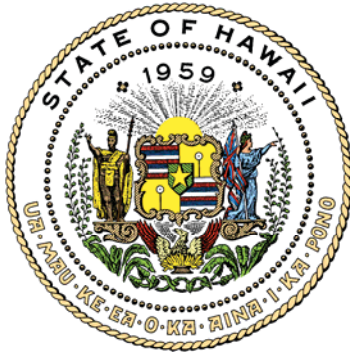
Presented by the:

Disability and Communication Access Board
919 Ala Moana Blvd., Room 101
Honolulu, HI 96814

Phone/TTY: (808) 586-8121, Fax: (808) 586-8129
<http://www.hawaii.gov/health/dcab>

Conference Sponsors:

Disability and Communication Access Board
Pacific ADA Center



Message from Governor Linda Lingle
and
Lt. Governor James R. "Duke" Aiona, Jr.
presented to the
DISABILITY AND COMMUNICATION ACCESS BOARD
DISABILITY ACCESS CONFERENCE
SEPTEMBER 23, 2009

On behalf of the people of Hawai'i, we send our personal greetings of aloha to everyone attending the 2009 Disability Access Conference at the Ala Moana Hotel.

The valuable information provided at this year's conference has the potential to improve the quality of life for the members of our community with disabilities. This year topics include the state of Hawai'i Residential Housing Accessibility guidelines, the Americans with Disability Act (ADA) Accessibility guidelines, as well as federal requirements of the ADA and Architectural Barriers Act of 1968.

Ensuring access for all residents to buildings, facilities and sites is important to our Administration. Hawai'i is stricter than many other states in applying the ADA to its own projects, often requiring practices that go far above and beyond what is required by federal law.

We extend a warm mahalo to the Disability and Communications Access Board for their commitment and assistance to our disabled citizens as well as the speakers who have traveled from across the nation to share their knowledge and expertise. Congratulations to the winners of the third annual Accessible Design Awards, whose work helps our state move toward becoming a fully accessible and integrated society.

Best wishes for a successful conference.

Aloha,

Linda Lingle
Governor, State of Hawai'i

James R. "Duke" Aiona, Jr.
Lieutenant Governor, State of Hawai'i



WELCOME & INFORMATION

*On behalf of the Conference Planning Committee
we would like to welcome you to the
2009 Disability Access Conference.*

The following are some helpful hints during the Conference:

- **Continental breakfast** will be served in the Hibiscus Ballroom from 7:30 - 9:00 am. (See map on back of conference schedule insert.)
- **Parking** \$2 with validation (Validation is available at the Registration Desk.)
- **Restrooms** are located on the second floor adjacent to the elevators.
- **Sign language interpreters** and other accommodations have been scheduled as requested, if registered before September 1, 2009. Please check with the Registration Desk if you have any questions.
- **Alternate formats** have been made for sessions as requested before September 1, 2009. Please pick up alternate formats at the Registration Desk.
- **Lunch** will be served in the Hibiscus Ballroom at 11:45 am and the Accessible Design Awards Presentation will follow at 12:30 pm.
- **Conference Evaluation Forms** are included in your conference folder. Please fill it out and return it to your session room monitor at the end of the day or drop it off at the Conference Registration Desk. Your feedback is appreciated and will help us plan future conferences. Should you wish to provide us with more comments or suggestions, please feel free to email us at the Disability and Communication Access Board: dcab@doh.hawaii.gov



CONFERENCE SCHEDULE

7:30 am - 8:00 am
REGISTRATION

8:00 am - 9:00 am
CONTINENTAL BREAKFAST / KEYNOTE ADDRESS

Keynote: “Access Living Headquarters & Millennium Park - Universal Design Case Studies”

The keynote presentation, presented by John H. Catlin, FAIA, will feature how Universal Design was defined and integrated into the design of the Access Living’s Headquarters in Chicago. This project received the 2007 Barrier-Free America Award from the Paralyzed Veterans of America and was featured in AIArchitect’s August 2007 issue. The presentation will also include a discussion of the accessibility and Universal Design features planned into Chicago’s award winning Millennium Park. Both projects are examples of the importance of planning and programming for accessibility and Universal Design from the start of a project to ensure access for the widest range of individuals. **Speaker: John H. Catlin, FAIA, LCM Architects (AIA/CES: 1.0 HSW LU)**

9:15 am - 10:45 am
CONCURRENT SESSIONS

Session #A1 - “Access for All: Designing for Visual and Hearing Challenges”

Not all of the Americans with Disabilities Act Accessibility Guidelines (ADAAG) focus on mobility and wheelchair access. This session will focus on the accessibility guidelines developed for visual and hearing challenges. The session will highlight some of the common problems that a facility’s design can impose on individuals who are blind, have low vision, are deaf or hard of hearing. The technical requirements discussed will include those for protruding objects, signage, color and contrast, detectable warnings and audio and visual alarms. **Speakers: Barbara Fischlowitz-Leong, Assistive Technology Resource Centers of Hawaii (ATRC) & Curtis Motoyama, DCAB (AIA/CES: 1.5 HSW LU)**

Session #B1 - “Accessible Routes: Walkways, Surfaces, Doors and Clearances”

Do you know which elements are part of an accessible route? Come and learn about the various elements that make up or are included in an accessible route. This presentation will review the technical requirements for the various elements such as finished slopes, changes in level, protruding objects, clearances and mounting heights. **Speakers: Paul Sheriff & Mona Higa, DCAB (AIA/CES: 1.5 HSW LU)**

Session #C1 - “The New ADA/ABA Accessibility Guidelines: An Overview of Application, Enforcement and Format”

ADA/ABA Accessibility Guidelines: An overview focusing on the application of the guidelines, the enforcing agencies, and the new format. Significant changes in the scoping provisions including leasing provisions and other requirements such as automatic doors and detectable warnings added by the Federal agencies adopting the revised accessibility guidelines will also be reviewed. This session will review significant changes and differences from ADAAG & UFAS in Scoping (Chapter 2) and Building Blocks (Chapter 3). **Speaker: Peggy H. Greenwell, U.S. Access Board (AIA/CES: 1.5 HSW LU)**



CONFERENCE SCHEDULE (cont.)

11:00 am - 11:45 am KEYNOTE ADDRESS

“Honolulu Rail Transit: Designing Access For All”

This keynote presentation is presented by Rail Hawaii. The Honolulu High-Capacity Transit Corridor Project is a 20-mile elevated rail line that will connect West Oahu with downtown Honolulu and Ala Moana Center. Various design meetings throughout the community as well as discussions with DCAB have provided much input regarding planning for persons with disabilities. This presentation will focus on the various accessibility features and elements that are being planned for the rail system and stations. The system features trains capable of carrying more than 300 passengers and is expected to be fully operational in the spring of 2019. **Speakers: Ken Caswell, AIA & Scott Ishikawa, City and County of Honolulu, Transportation Services Department, Rapid Transit Division** (AIA/CES: 1.0 HSW & SD LU)

11:45 am - 1:00 pm LUNCHEON / 2009 ACCESSIBLE DESIGN AWARDS PRESENTATION

1:15 pm - 2:45 pm CONCURRENT SESSIONS

Session #A2 - “RHAG: State of Hawaii Residential Housing Accessibility Guidelines”

Most people have heard of the Fair Housing Act Accessibility Guidelines but did you know Hawaii has a Residential Housing Accessibility Guideline (RHAG)? This session covers the design and technical requirements required by RHAG for creating an accessible residential facility. The presentation will feature a case study of the recently completed ‘Senior Residence at Kapolei’. **Speakers: Robert Luersen, AIA, Luersen Architects & Mona Higa, DCAB** (AIA/CES: 1.5 HSW LU)

Session #B2 - “Accessible Educational Facilities: Planning and Design”

Educational facilities are not only challenging to design but if not accessible can provide challenges to the students and faculty using these facilities. Come and learn about planning, designing and removing barriers in educational facilities (primary, secondary and collegiate) to meet the needs of students and staff with disabilities. This session is presented by John H. Catlin, FAIA, whose firm, LCM Architects, has consulted on the accessibility requirements of educational facilities, including; K-8, secondary schools as well as public and private universities. **Speaker: John H. Catlin, FAIA, LCM Architects** (AIA/CES: 1.5 HSW LU)

Session #C2 - “The New ADA/ABA Accessibility Guidelines: Changes to Technical Requirements”

This session will review significant changes and differences from the ADAAG and UFAS regarding technical requirements in Accessible Routes (Chapter 4), General Site and Building Elements (Chapter 5) and Plumbing Elements & Facilities (Chapter 6). **Speaker: Peggy H. Greenwell, U.S. Access Board** (AIA/CES: 1.5 HSW LU)



CONFERENCE SCHEDULE (cont.)

3:00 pm - 4:30 pm CONCURRENT SESSIONS

Session #A3 - "Accessible Facilities: Common Errors and Corrections"

This popular session is back, featuring more examples of the common errors found in design and documentation. This session will cover not only the minimum requirements of the ADAAG, it will also include a discussion of how successful corrections were made to some of the common errors and what solutions are possible. **Speakers: Dean Aoki, State of Hawaii Department of Land and Natural Resources (DLNR) & Duane Buote, DCAB** (AIA/CES: 1.5 HSW LU)

Session #B3 - "Vertical Access: Stairs, Ramps, Lifts and Elevators"

Do you know the various ways to provide accessible vertical access? This session will focus on the accessibility guidelines and technical requirements for the various means of providing vertical access. Included in the presentation will be a review of the technical requirements and guidelines covering stairs, platform lifts, ramps and elevators. **Speakers: Paul Sheriff & Curtis Motoyama, DCAB** (AIA/CES: 1.5 HSW LU)

Session #C3 - "The New ADA/ABA Accessibility Guidelines: Special Rooms, Spaces, Elements and Recreation Facilities"

This session will review significant changes and differences from the ADAAG and UFAS regarding scoping and technical requirements in Communication Elements and Features (Chapter 7), Special Rooms, Elements and Spaces (Chapter 8), Built-in Elements (Chapter 9), and Recreation Facilities (Chapter 10). **Speaker: Peggy H. Greenwell, U.S. Access Board** (AIA/CES: 1.5 HSW LU)



MORNING KEYNOTE SPEAKER

John H. Catlin, FAIA, Principal and founder of LCM Architects in Chicago, Illinois. Mr. Catlin specializes in federal accessibility laws as well as state and local accessibility codes. He was the first practicing architect to serve as chair of the U.S. Architectural and Transportation Barriers Compliance Board, better known as the Access Board. During his tenure at the Access Board, from 1994 to 2002, he also chaired the Board's subcommittee on the revisions of the ADA Accessibility Guidelines. His experience and expertise has led to his involvement in the development of accessibility compliance plans and consultation for many private and public entities. His project for the Access Living Headquarters in Chicago received the Paralyzed Veterans of America's 2007 Barrier-Free America Award.



LUNCHEON KEYNOTE SPEAKERS

Ken Caswell, AIA, LEED AP, PMP. Mr. Caswell has managed the design and construction of elevated, grade and subway stations for the Dallas Area Rapid Transit, the Phoenix Metro Light Rail System and the Phoenix Sky Harbor Automated Train System. He has worked on the design and construction coordination of bus transit centers, park and ride facilities, and adjacent urban planning and transit oriented development issues. He holds a Bachelor of Architecture with Honors from University of Texas and currently serves as the chief architect for the City and County of Honolulu's Transportation Services Department, Rapid Transit Division.

Scott Ishikawa. Prior to joining the City and County of Honolulu's Transportation Services Department, rail transit team in March of this year, Scott was spokesperson for the Hawaii State Department of Transportation from 2003 to 2008. He served as the voice of information during many emergencies including earthquakes, flooding and rockslides. He also kept the public updated on various highway construction projects. He has worked as a newspaper reporter for 12 years at the Honolulu Advertiser and Sun Press community newspapers, assigned to various beats including transportation, state government and community issues. Scott holds a degree in journalism from the University of Hawaii at Manoa.



GUEST SPEAKER

Peggy H. Greenwell, Office of Technical and Information Services, U.S. Access Board. Ms. Greenwell has been an accessibility specialist with the U.S. Architectural and Transportation Barriers Compliance Board (Access Board) since November 1992. Her responsibilities include providing technical assistance and training on the various accessibility guidelines. She specializes in access issues related to recreation facilities and is coordinating the development of accessibility guidelines for those facilities. Ms. Greenwell is also responsible for the agency's training program. This includes the development of training programs and materials. She has a Bachelor's in Science Degree from the University of Maryland in Recreation with a Therapeutic Recreation option and a Master's Degree from the University of Maryland, University College in General Administration.



LOCAL SPEAKERS

Dean Aoki, Architect. Being involved with accessibility matters for 15 years, he has design and construction experience in complying with the technical provisions of the ADAAG. He also reviews and comments on the Recreational, Outdoor Developed Area, and Public Right-of-Way proposed guidelines. He currently serves as the ADA Coordinator for the State of Hawaii Department of Land and Natural Resources.

Barbara Fischlowitz-Leong, M.Ed. Since joining Assistive Technology Resource Centers of Hawaii (ATRC) as the Executive Director in September 1993, Ms. Fischlowitz-Leong has been responsible for developing and implementing a program that links individuals with disabilities to technology so that all people can participate in every aspect of community life. As a person with a disability, she uses assistive technology in the workplace and at home. She is a nationally recognized advocate for persons with disabilities and is responsible for drafting Hawaii's Warranty Act, which protects purchasers of assistive technology in the state and the implementation of administration policy through the legislature that establishes that all state departments must include assistive technology language in all appropriate policies.

Robert Luersen, AIA, Luersen Architects, Inc. Mr. Luersen is a practicing architect whose firm over many years has designed a mixture of housing projects in Hawaii with more than 2,700 units. They range from single family to mid-rise multi-family, affordable rental to market rate sale. His firm continuously meets design challenges of today's housing markets, blending accessible design with specific project, housing and site considerations. Recent projects include affordable rentals for the elderly. He holds a B. Arch. from the University of Oregon and a M. Arch. in Advanced Studies from M.I.T.

Paul Sheriff, President and founder of Paul Sheriff Incorporated. Mr. Sheriff assists companies, individual business owners and design professionals by assessing the accessibility compliance of buildings and facilities for persons with disabilities under applicable federal and state laws. Mr. Sheriff is also a federal court monitor appointed by the United States District Court for the District of Hawaii Judges and Magistrate Judges to provide services such as compliance monitoring, mediation, arbitration and implementation of settlement agreements.



ACKNOWLEDGMENT

The Disability and Communication Access Board would like to thank and acknowledge Bill Hecker, AIA who due to unforeseen circumstances could not join us this year as originally scheduled. Mr. Hecker developed two of the presentations this year in conjunction with Mr. Sheriff on Accessible Routes and Vertical Access.